



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Florida Window Systems, Corp.
7191 NW 77 Terr.
Medley, FL 33166

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "FWS-300" Aluminum Horizontal Sliding Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. W07-80, titled "Series FWS-300 Alum. Horiz. Sliding Wdw. (L.M.I.)", sheets 1 through 7 of 7, dated 10/15/07, with revision A dated 03/05/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA# 12-0315.08 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



MP
5/17/13

NOA No. 13-0402.01
Expiration Date: May 01, 2018
Approval Date: May 16, 2013
Page 1

Florida Window Systems, Corp.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W07-80**, Sheets 1 through 7 of 7, titled "Series FWS-300 Alum. Horiz. Sliding Wdw. (L.M.I.)", dated 10/15/07, with revision A dated 03/05/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
(Submitted under previous NOA#12-0315.08)

B. TESTS

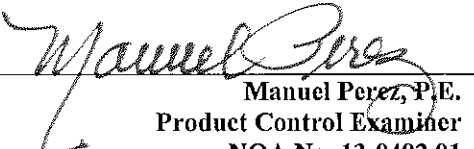
1. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-07-4417**, dated 12/13/07, signed and sealed by Candido F. Font, P.E.
(Submitted under NOA#07-1025.09)
2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-05-1944**, dated 12/13/07, signed and sealed by Candido F. Font, P.E.
(Submitted under NOA#07-1025.09)
3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-05-1439**, dated 12/13/07, signed and sealed by Candido F. Font, P.E.
(Submitted under NOA#07-1025.09)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, dated 10/17/07, signed and sealed by Humayoun Farooq, P.E.
(Submitted under NOA#07-1025.09)
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-0402.01

Expiration Date: May 01, 2018
Approval Date: May 16, 2013

Florida Window Systems, Corp.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **12-1231.08** issued to **Eastern Chemical Company (MA)** for their "**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 03/28/13, expiring on 12/11/18.
2. Notice of Acceptance No. **12-1231.10** issued to **Eastern Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 03/28/13, expiring on 05/21/16.

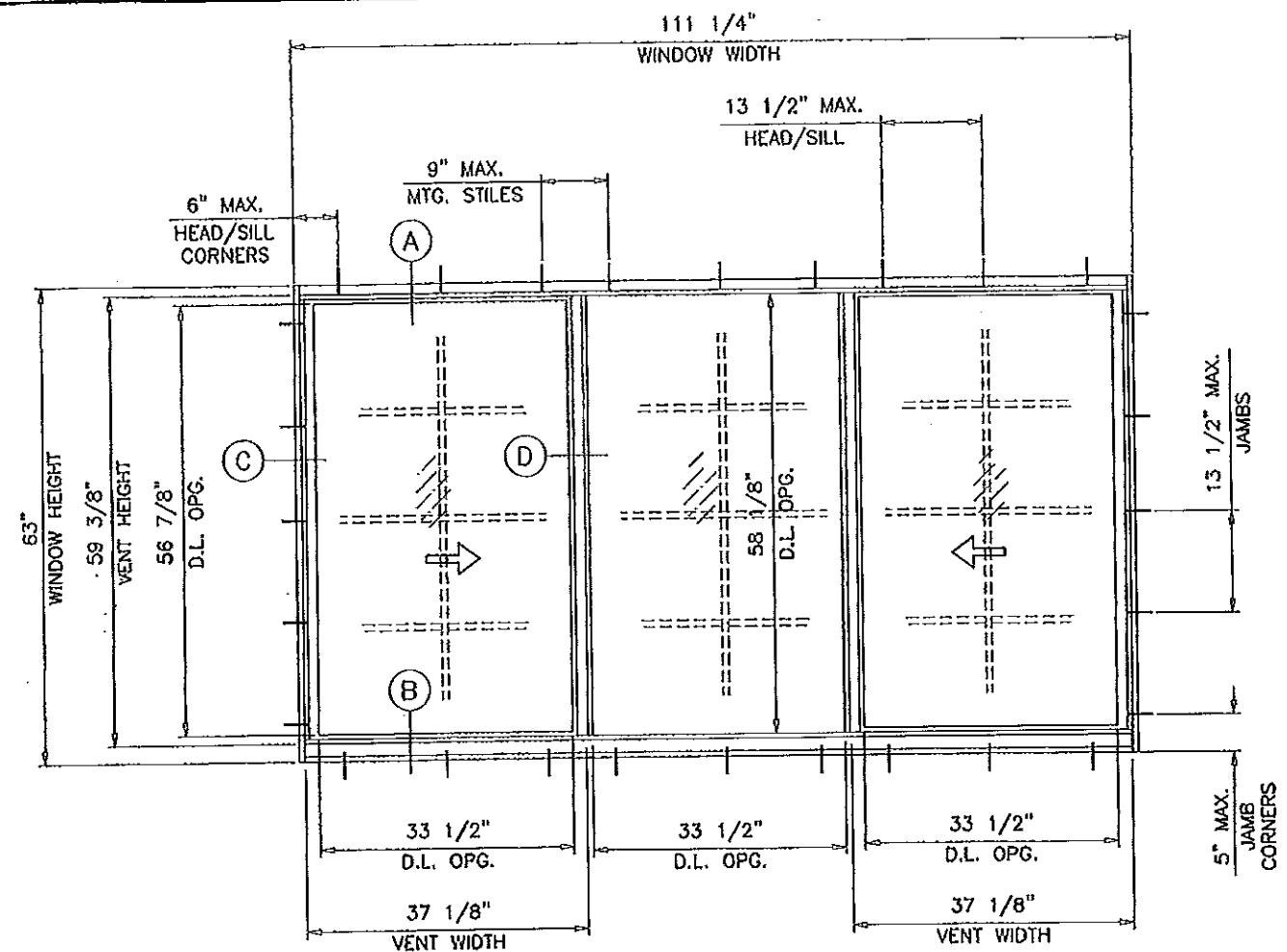
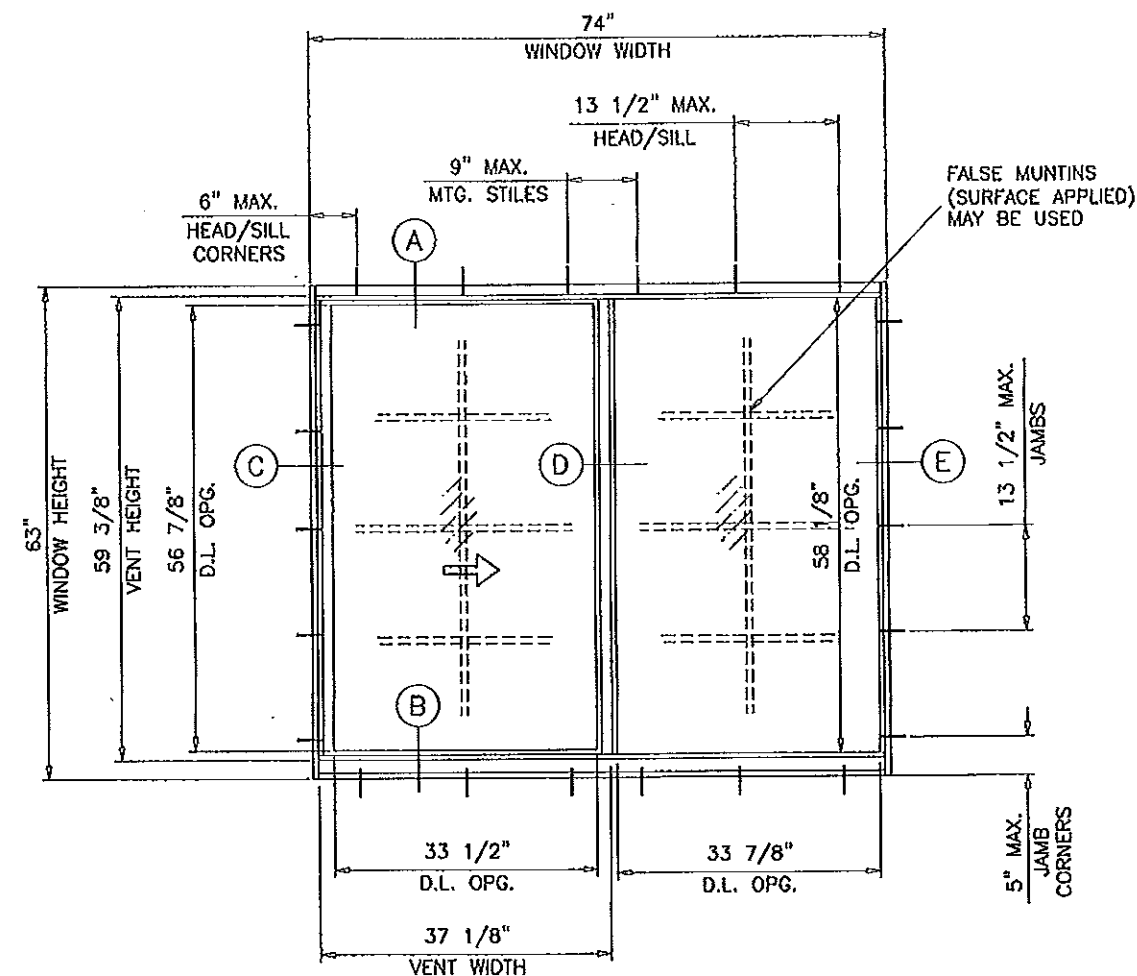
F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated February 01, 2013, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. Notice of Acceptance No. **12-0315.08**, issued to Florida Window Systems, Corp., for their Series "**FWS-300**" Aluminum Horizontal Sliding Window – L.M.I., approved on 06/07/12 and expiring on 05/01/13.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-0402.01
Expiration Date: May 01, 2018
Approval Date: May 16, 2013



TYPICAL ELEVATIONS

SERIES FWS-300 **ALUMINUM HORIZONTAL SLIDING WINDOW**

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 2 & 3.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.S./H.S. OR HORIZONTAL SLIDING WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

THESE WINDOWS ARE RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 13-0402.01
Expiration Date 12/31/2018
By *Manuel Perez*
Miami Dade Product Control

Engr. JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
MAY 24 2012

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0315.08
Expiration Date 12/31/2013
By *Manuel Perez*
Miami Dade Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W07-80FWS

SERIES FWS-300 ALUM. HORIZ. SLIDING WDW. (L.M.I.)

FLORIDA WINDOW SYSTEMS CORP.
7191 N.W. 77 TERRACE
MEDLEY, FL 33166
TEL (305) 805-9420 FAX (305) 805-9424

revisions:	no.	date	by	description
	A	03.05.12		UPDATED TO 2010 FBC

date: 10-15-07

scale: 1/2" = 1'-0"

dr. by: HAMID

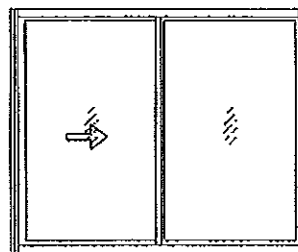
chk. by:

drawing no.
W07-80

sheet 1 of 7

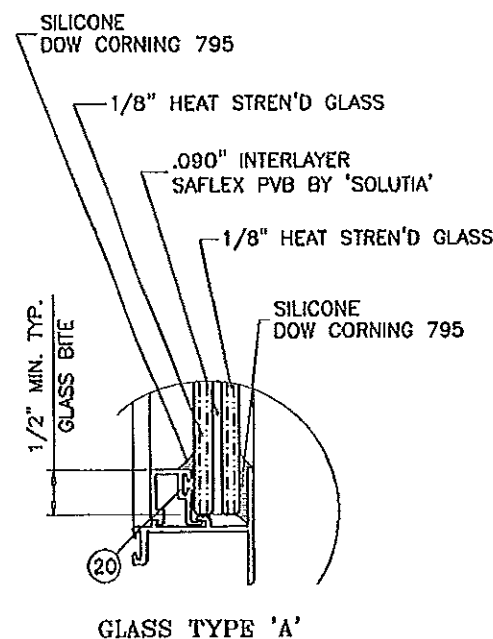
DESIGN LOAD CAPACITY -- PSF (XO OR OX SIZES)										
WINDOW DIMS.		A	GLASS TYPE 'A' WITHOUT REINFORCING				GLASS TYPE 'B' WITH REINFORCING			
			W/O SHEAR CLIPS		WITH SHEAR CLIPS		W/O SHEAR CLIPS		WITH SHEAR CLIPS	
			EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
26-1/2"	26" (2)	4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
37"		4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
53-1/8"		6	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
74"		6	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
26-1/2"	38-3/8" (3)	4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
37"		4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
53-1/8"		6	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
74"		6	66.7	75.0	66.7	75.0	80.0	82.1	80.0	100.0
26-1/2"	50-5/8" (4)	4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
37"		4	66.7	75.0	66.7	75.0	80.0	82.8	80.0	100.0
53-1/8"		6	64.5	64.5	66.7	75.0	64.5	64.5	80.0	100.0
74"		6	54.9	54.9	66.7	75.0	54.9	54.9	80.0	100.0
26-1/2"	63" (5)	4	66.7	75.0	66.7	75.0	80.0	82.6	80.0	100.0
37"		4	62.3	62.3	66.7	75.0	62.3	62.3	80.0	100.0
53"		6	47.2	47.2	66.7	75.0	47.2	47.2	80.0	100.0
74"		6	38.2	38.2	66.7	70.1	38.2	38.2	80.0	92.8
24"	24" (2)	4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
36"		4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
48"		4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
60"		6	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
72"		6	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
24"	36" (3)	4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
36"		4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
48"		4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
60"		6	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
72"		6	66.7	75.0	66.7	75.0	80.0	88.9	80.0	100.0
24"	48" (4)	4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
36"		4	66.7	75.0	66.7	75.0	80.0	90.8	80.0	100.0
48"		4	66.7	74.4	66.7	75.0	74.4	74.4	80.0	100.0
60"		6	65.6	65.6	66.7	75.0	65.6	65.6	80.0	100.0
72"		6	61.0	61.0	66.7	75.0	61.0	61.0	80.0	100.0
24"	60" (5)	4	66.7	75.0	66.7	75.0	80.0	95.5	80.0	100.0
36"		4	66.7	67.7	66.7	75.0	67.7	67.7	80.0	100.0
48"		4	54.2	54.2	66.7	75.0	54.2	54.2	80.0	100.0
60"		6	46.5	46.5	66.7	75.0	46.5	46.5	80.0	100.0
72"		6	41.8	41.8	66.7	75.0	41.8	41.8	80.0	100.0

A = NO. OF ANCHORS PER HEAD & SILL
() = NO. OF ANCHORS PER JAMB

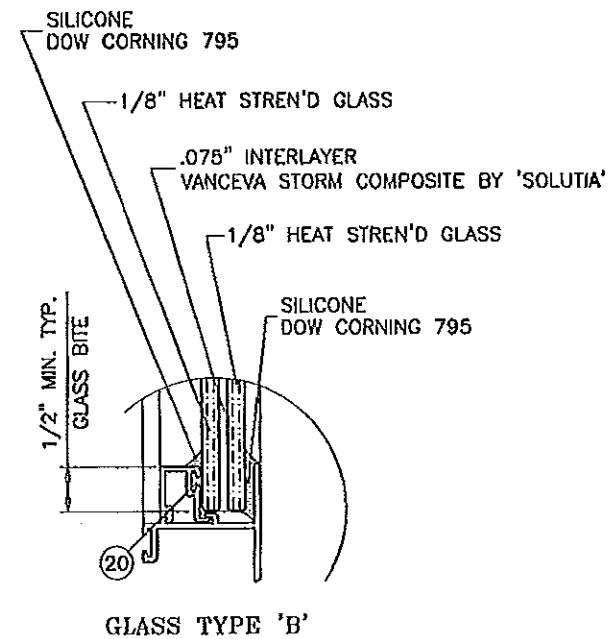


ALL EXTERIOR(+) LOADS SHOWN ON THIS SHEET ARE FOR WINDOWS WITH APPLIED RISER AT FRAME SILL FOR STD. SILL (NO RISER) LIMIT EXTERIOR(+) LOADS TO 66.7 PSF SEE DETAIL ON SHEET 4.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219



GLASS TYPE 'A'



GLASS TYPE 'B'

GLAZING OPTIONS

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 13-0402.01
Expiration Date May 1, 2018
By *Manuel Perez*
Miami Made Product Control

Engr. JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3539
MAY 24 2012

PRODUCT REVISED
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AL-FAROOQ CORPORATION
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1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL-W07-80FW5

SERIES FWS-300 ALUM. HORIZ. SLIDING WDW. (L.M.I.)

FLORIDA WINDOW SYSTEMS CORP.
7191 N.W. 77 TERRACE
MEDLEY, FL. 33166
TEL (305) 805-9420 FAX (305) 805-9424

revisions:

no	date	by	description
1	03.05.12	A	UPDATED TO 2010 FBC

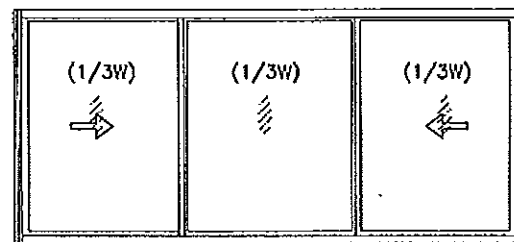
date: 10-15-07
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W07-80

sheet 2 of 7

DESIGN LOAD CAPACITY - PSF (XOX SIZES)										
WINDOW DIMS. WIDTH HEIGHT		A	GLASS TYPE 'A' WITHOUT REINFORCING				GLASS TYPE 'B' WITH REINFORCING			
			W/O SHEAR CLIPS		WITH SHEAR CLIPS		W/O SHEAR CLIPS		WITH SHEAR CLIPS	
			EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
74" 106-1/4" 111"	26" (2)	4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
		4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
		6	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
74" 106-1/4" 111"	38-3/8" (3)	4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
		4	66.7	75.0	66.7	75.0	77.5	77.5	80.0	100.0
		6	66.7	75.0	66.7	75.0	80.0	81.7	80.0	100.0
74" 106-1/4" 111"	50-5/8" (4)	4	66.7	67.6	66.7	75.0	67.6	67.6	80.0	100.0
		4	55.8	55.8	66.7	75.0	55.8	55.8	80.0	100.0
		6	54.9	54.9	66.7	75.0	54.9	54.9	80.0	100.0
74" 106-1/4" 111"	63" (5)	4	49.8	49.8	66.7	75.0	49.8	49.8	80.0	100.0
		4	39.1	39.1	66.7	71.9	39.1	39.1	80.0	95.1
		6	38.2	38.2	66.7	70.1	38.2	38.2	80.0	92.8
72" 84" 96" 108"	24" (2)	7	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
		9	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
		9	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
72" 84" 96" 108"	36" (3)	7	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
		9	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
		9	66.7	75.0	66.7	75.0	80.0	92.0	80.0	100.0
72" 84" 96" 108"	48" (4)	7	66.7	74.4	66.7	75.0	74.4	74.4	80.0	100.0
		9	66.7	68.0	66.7	75.0	68.0	68.0	80.0	100.0
		9	63.7	63.7	66.7	75.0	63.7	63.7	80.0	100.0
72" 84" 96" 108"	60" (5)	7	61.0	61.0	66.7	75.0	61.0	61.0	80.0	100.0
		9	54.2	54.2	66.7	75.0	54.2	54.2	80.0	100.0
		9	48.7	48.7	66.7	75.0	48.7	48.7	80.0	100.0
72" 84" 96" 108"		9	44.7	44.7	66.7	75.0	44.7	44.7	80.0	100.0
		9	41.8	41.8	66.7	75.0	41.8	41.8	80.0	100.0

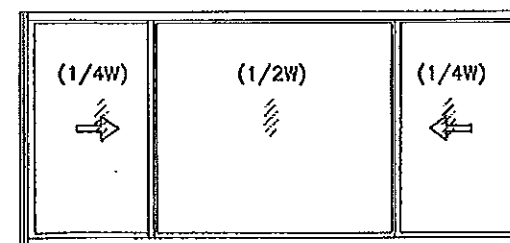
A = NO. OF ANCHORS PER HEAD & SILL
() = NO. OF ANCHORS PER JAMB



OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

DESIGN LOAD CAPACITY - PSF (XOX SIZES)										
WINDOW DIMS. WIDTH HEIGHT		A	GLASS TYPE 'A' WITHOUT REINFORCING				GLASS TYPE 'B' WITH REINFORCING			
			W/O SHEAR CLIPS		WITH SHEAR CLIPS		W/O SHEAR CLIPS		WITH SHEAR CLIPS	
			EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
74" 106-1/4" 111"	26" (2)	4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
		4	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
		6	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
74" 106-1/4" 111"	38-3/8" (3)	4	66.7	75.0	66.7	75.0	80.0	87.6	80.0	100.0
		4	66.7	75.0	66.7	75.0	80.0	92.9	80.0	100.0
		6	66.7	75.0	66.7	75.0	80.0	88.5	80.0	100.0
74" 106-1/4" 111"	50-5/8" (4)	4	66.0	66.0	66.7	75.0	66.0	66.0	80.0	100.0
		4	47.4	47.4	66.7	75.0	47.4	47.4	80.0	100.0
		4	47.4	47.4	66.7	75.0	47.4	47.4	80.0	100.0
72" 84" 96" 108"	24" (2)	7	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
		9	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
		9	66.7	75.0	66.7	75.0	80.0	100.0	80.0	100.0
72" 84" 96" 108"	36" (3)	7	66.7	75.0	66.7	75.0	80.0	95.7	80.0	100.0
		9	66.7	75.0	66.7	75.0	80.0	92.6	80.0	100.0
		9	66.7	75.0	66.7	75.0	80.0	80.0	80.0	100.0
72" 84" 96" 108"	48" (4)	7	66.7	72.9	66.7	75.0	72.9	72.9	80.0	100.0
		9	66.7	68.4	66.7	75.0	68.4	68.4	80.0	100.0
		9	61.5	61.5	66.7	75.0	61.5	61.5	80.0	100.0
72" 84" 96" 108"	60" (5)	7	51.7	51.7	66.7	75.0	51.7	51.7	80.0	100.0
		7	51.7	51.7	66.7	75.0	51.7	51.7	80.0	100.0
		7	51.7	51.7	66.7	75.0	51.7	51.7	80.0	100.0

A = NO. OF ANCHORS PER HEAD & SILL
() = NO. OF ANCHORS PER JAMB



OPERATING VENTS TO BE 1/4 OF THE WINDOW WIDTH

ALL EXTERIOR(+) LOADS SHOWN ON THIS SHEET ARE FOR WINDOWS WITH APPLIED RISER AT FRAME SILL FOR STD. SILL (NO RISER) LIMIT EXTERIOR(+) LOADS TO 66.7 PSF SEE DETAIL ON SHEET 4.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

Engr. JAVAD AHMAD
CIVIL
FLA. REG. # 70592
C.A.N. 3538
MAY 24 2012

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0315-08
Expiration Date MAY 1, 2013
By *Manuel Perez*
Miami Made Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX (305) 262-6978
COMP-ANL W07-80FWS

SERIES FWS-300 ALUM. HORIZ. SLIDING WDW. (L.M.L.)

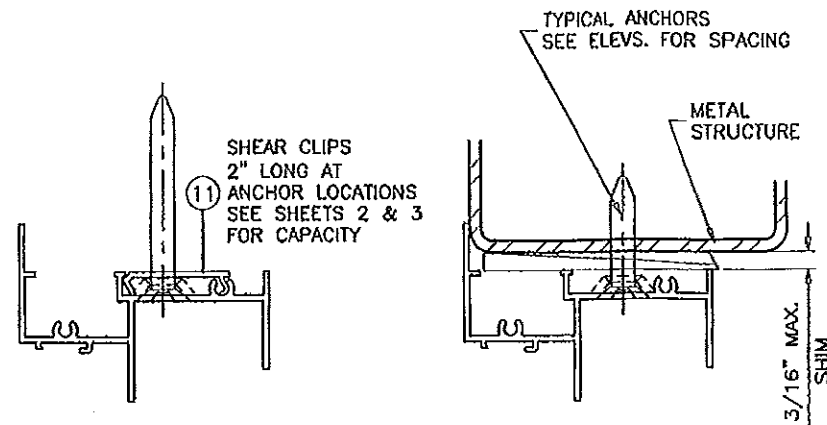
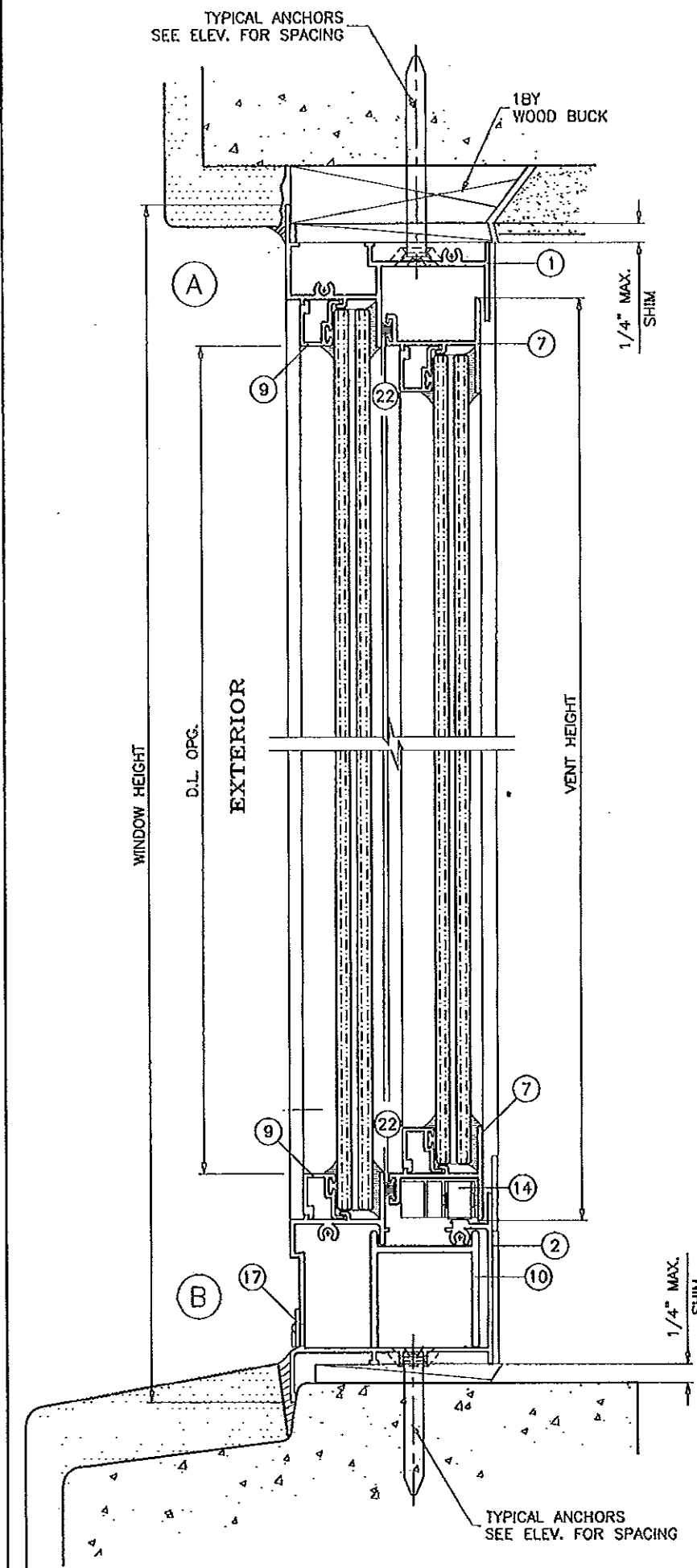
FLORIDA WINDOW SYSTEMS CORP.
7191 N.W. 77 TERRACE
MEDLEY, FL. 33166
TEL (305) 805-9420 FAX (305) 805-9424

Revisions:

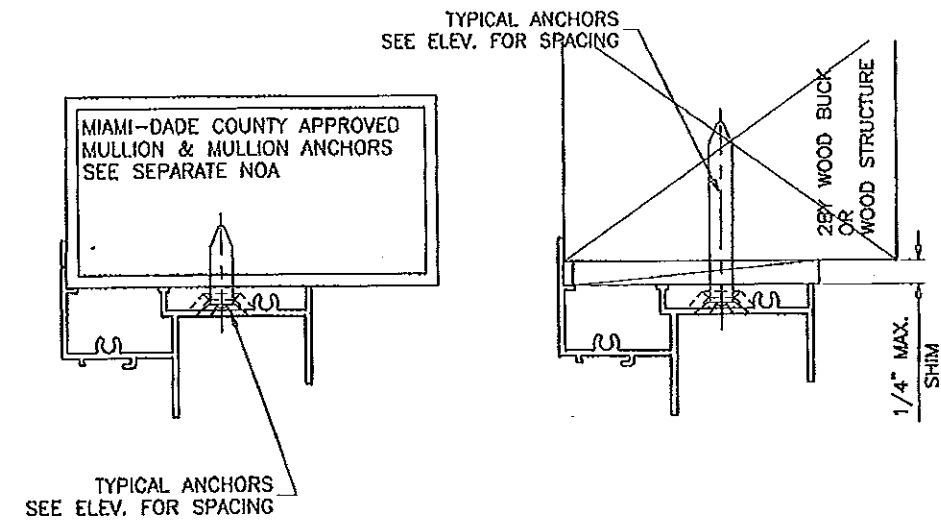
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dr. by: HAMID
chk. by:

drawing no.
W07-80
sheet 3 of 7



WOOD BUCKS AND METAL STRUCTURE NOT BY FLORIDA WDW. SYS. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" TAPCONS BY 'ELCO'

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#12 SMS OR SELF DRILLING SCREWS

INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#12 SMS OR SELF DRILLING SCREWS

INTO DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
(NO SHIM SPACE)

MINIMUM EDGE DISTANCE

INTO CONCRETE AND MASONRY = 1-5/8" MIN.

INTO WOOD STRUCTURE = 1" MIN.

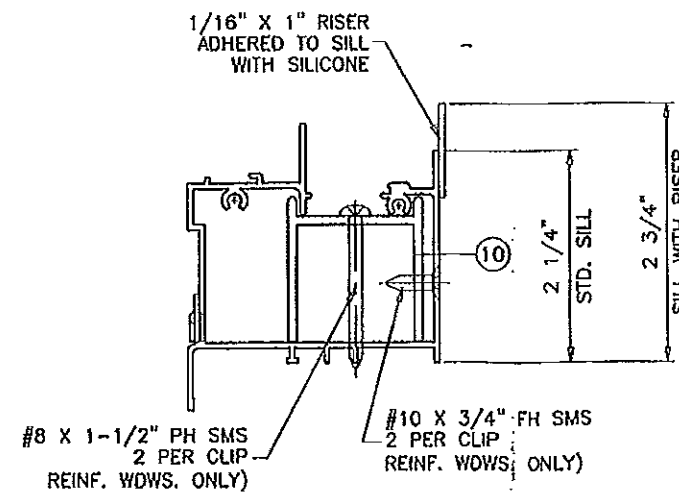
INTO METAL STRUCTURE = 3/4" MIN.

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SEALANT.

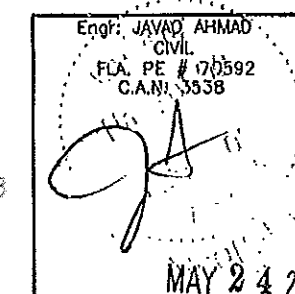
WEEPHOLES:

W1 = 1" X 1/4" WEEPHOLES AT 5" FROM EACH END



REINFORCED SILL INSERT
SEE SHEETS 2 & 3 FOR CAPACITY

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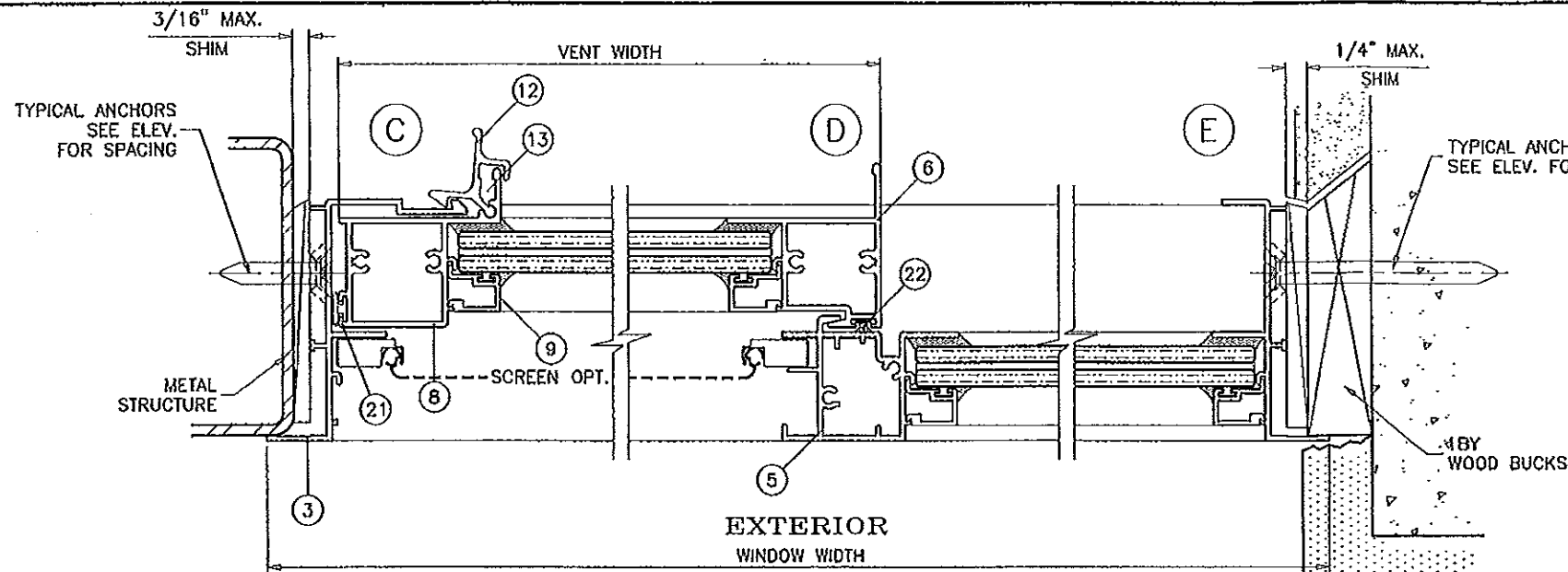
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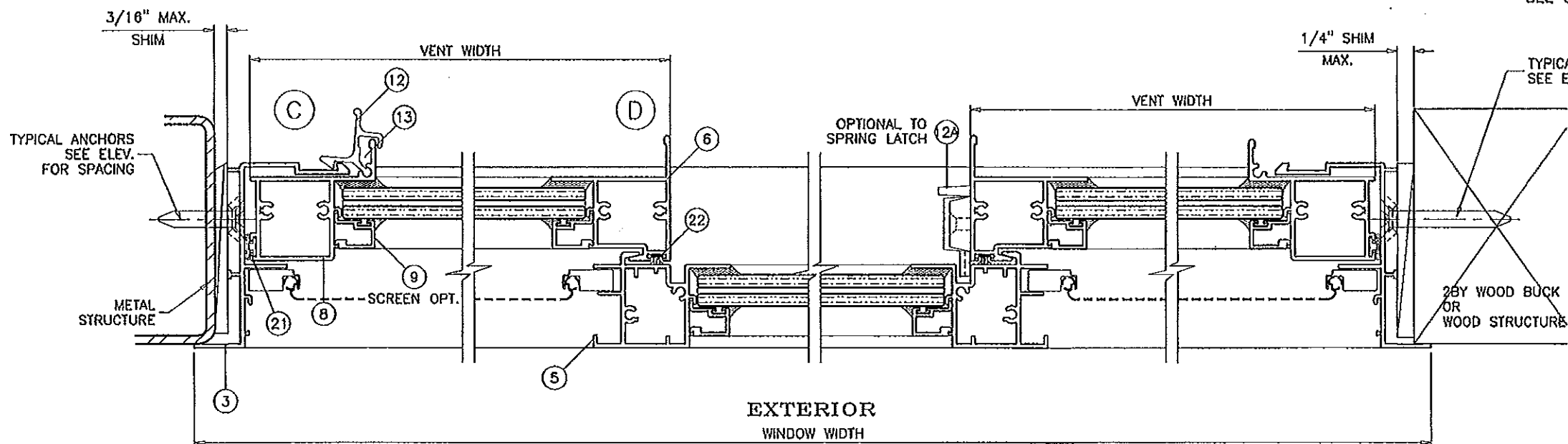
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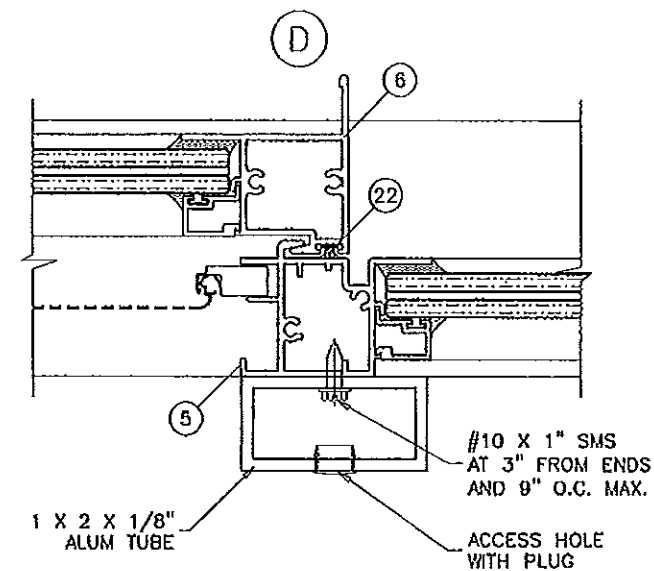
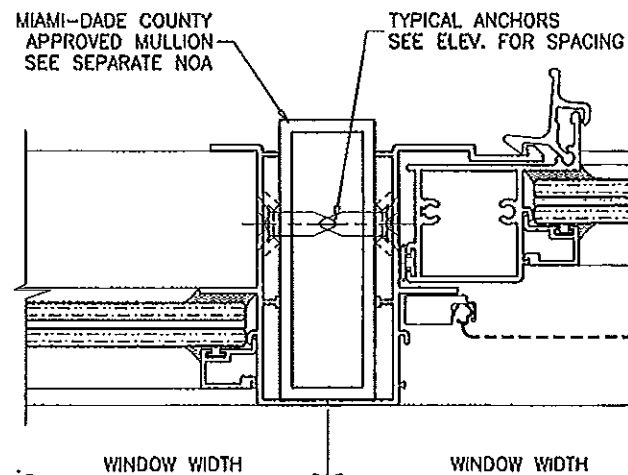
drawing no.
W07-80
sheet 4 of 7



XO LAYOUT
OX OPPOSITE



EXTERIOR
WINDOW WIDTH
XOX LAYOUT



REINFORCED MTG. STILES
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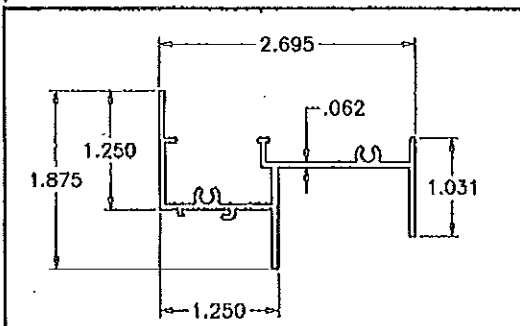
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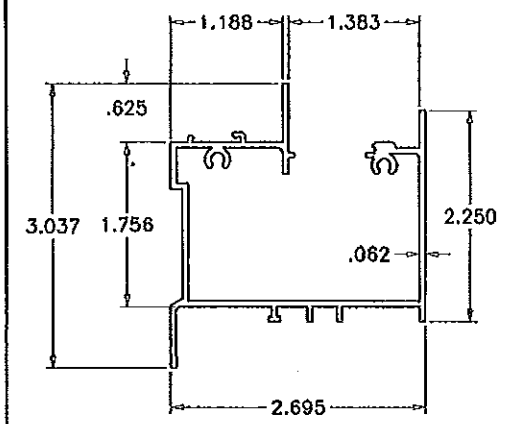
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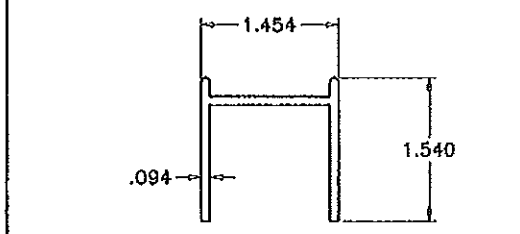
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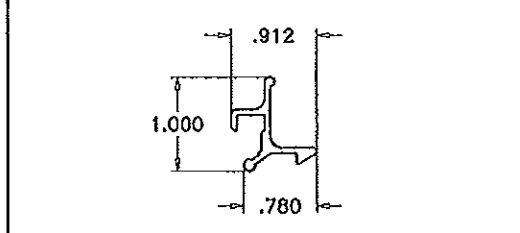
① FRAME HEAD



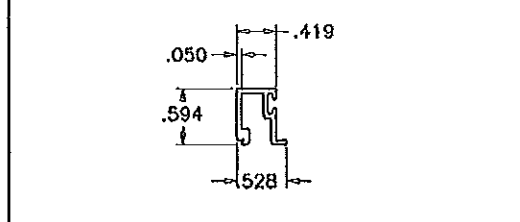
② FRAME SILL



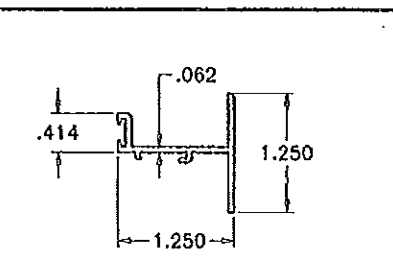
⑩ SILL TRACK



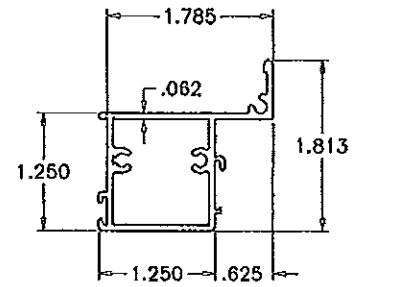
⑫ VENT LATCH



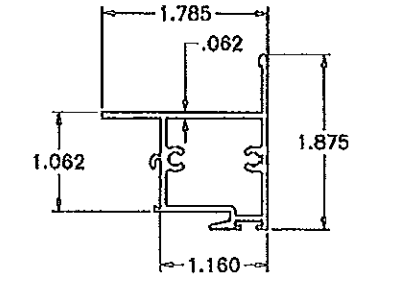
⑨ GLAZING BEAD



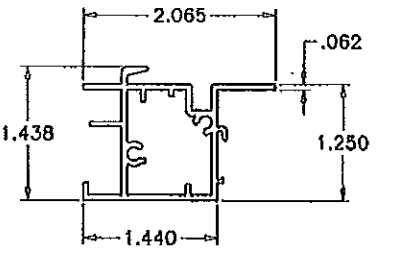
⑦ VENT TOP/BOTTOM RAIL



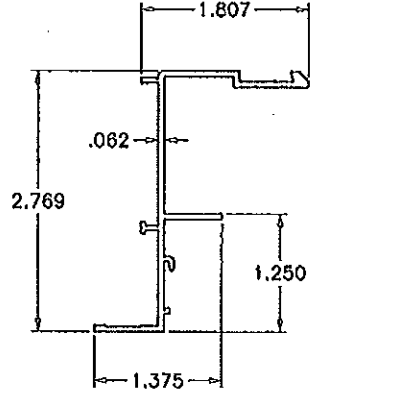
⑧ JAMB STILE



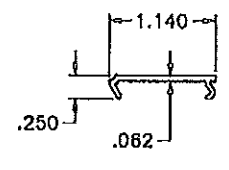
⑥ MEETING RAIL



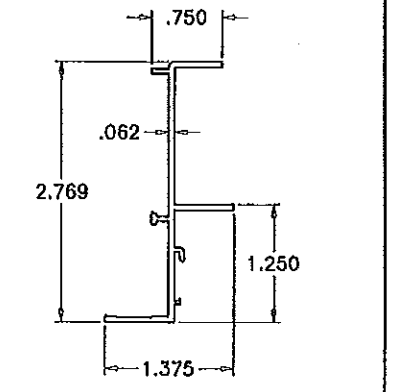
⑤ FIXED MTG. RAIL



③ FRAME JAMB (VENT)



SHEAR CLIP



④ FRAME JAMB (FIX)

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	FWS-022	1	FRAME HEAD	6063-T5	-
2	FWS-026	1	FRAME SILL	6063-T5	-
3	FWS-019	1	FRAME JAMB VENT	6063-T5	-
4	FWS-	1	FRAME JAMB FIX.	6063-T5	-
5	FWS-025	1/ VENT	FIXED RAIL	6063-T5	-
6	FWS-024	1/ VENT	VENT MEETING RAIL	6063-T6	-
7	FWS-016	2/ VENT	TOP AND BOTTOM RAIL	6063-T5	-
8	FWS-023	1/ VENT	JAMB STILE	6063-T5	-
9	FWS-029	AS REQD.	GLAZING BEAD	6063-T6	-
10	FWS-015A	1	6" LONG SILL TRACK INSERT	6063-T5	AT FIXED RAILS ONLY
11	-	AS REQD.	SHEAR CLIP 2" LONG	6063-T6	AT ANCHOR LOCATIONS
12	FWS-018	2/ VENT	VENT LATCH	6063-T6	AT 10-1/2" FROM ENDS
12A	-	2/ VENT	CAM TYPE SWEEP LOCK	ZAMAK	AT 13-7/8" FROM ENDS
13	14-6010	1/ LATCH	VENT LATCH SPRING	ST. STEEL	-
14	RH-2500	2/ VENT	ROLLER HOUSING & GUIDE	PLASTIC	M&M PLASTICS
17	FWS-075	AS REQD.	BAFFLE	NYLON	M&M PLASTICS
18	#8 X 1-1/4"	AS REQD.	FRAME/VENT ASSEMBLY SCREWS	CRS	P.H. SMS
19	#8 X 3"	2/ VENT	FIX. RAIL SILL SCREWS (SILL END)	CRS	P.H. SMS
20	-	AS REQD.	GLAZING GASKET	VINYL	-
21	E-205	AS REQD.	BULB W'STRIPPING	FLEX PVC	-
22	W23211NG	AS REQD.	WOOLPILE W'STRIPPING	-	ULTRAFAB OR EQUIV.
25	-	1/ VENT	5/16" BOX SCREEN	-	OPTIONAL

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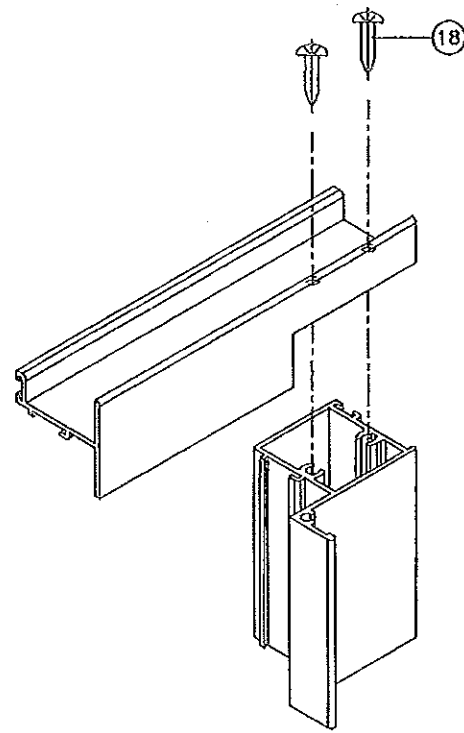
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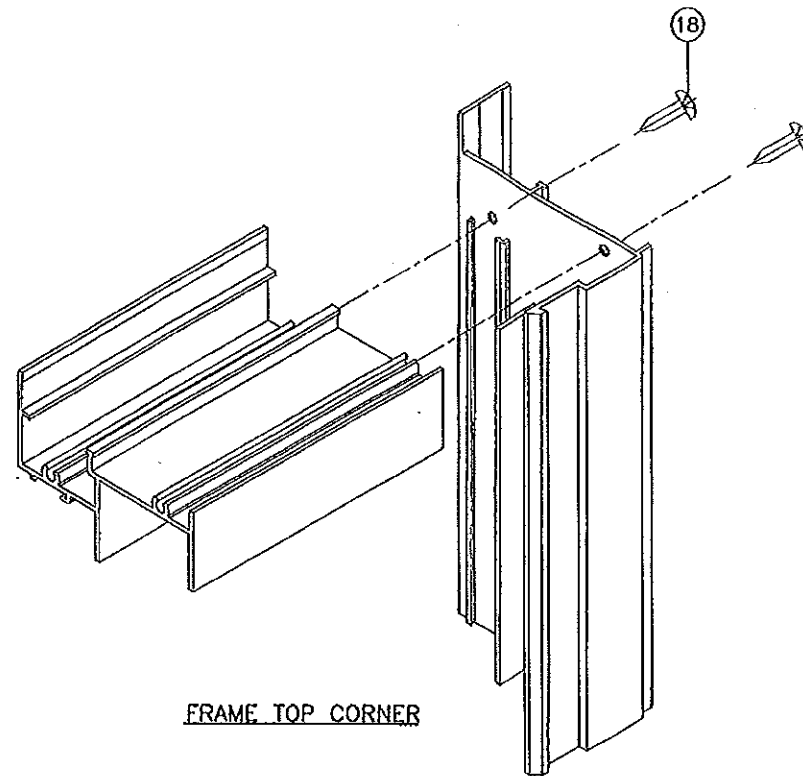
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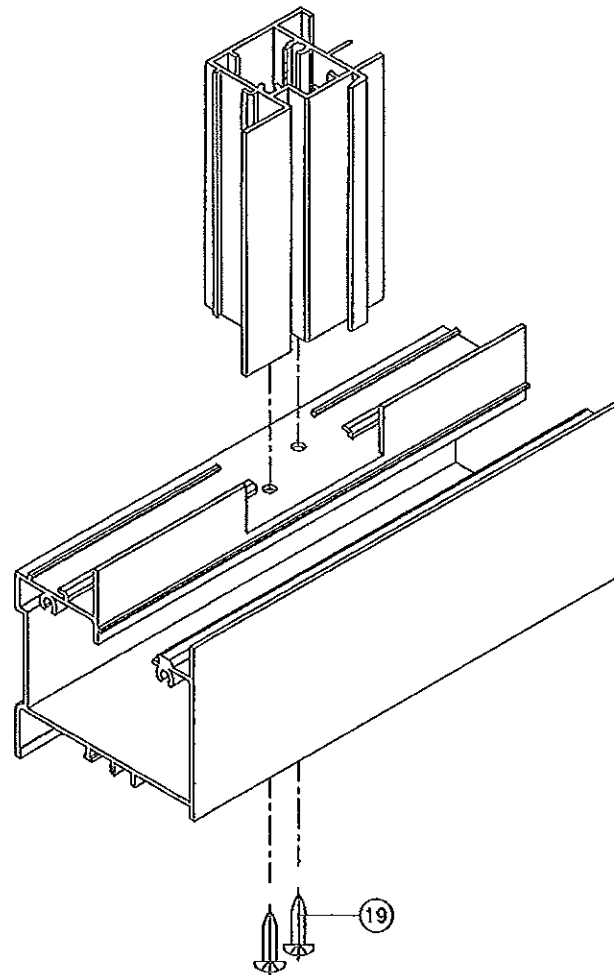
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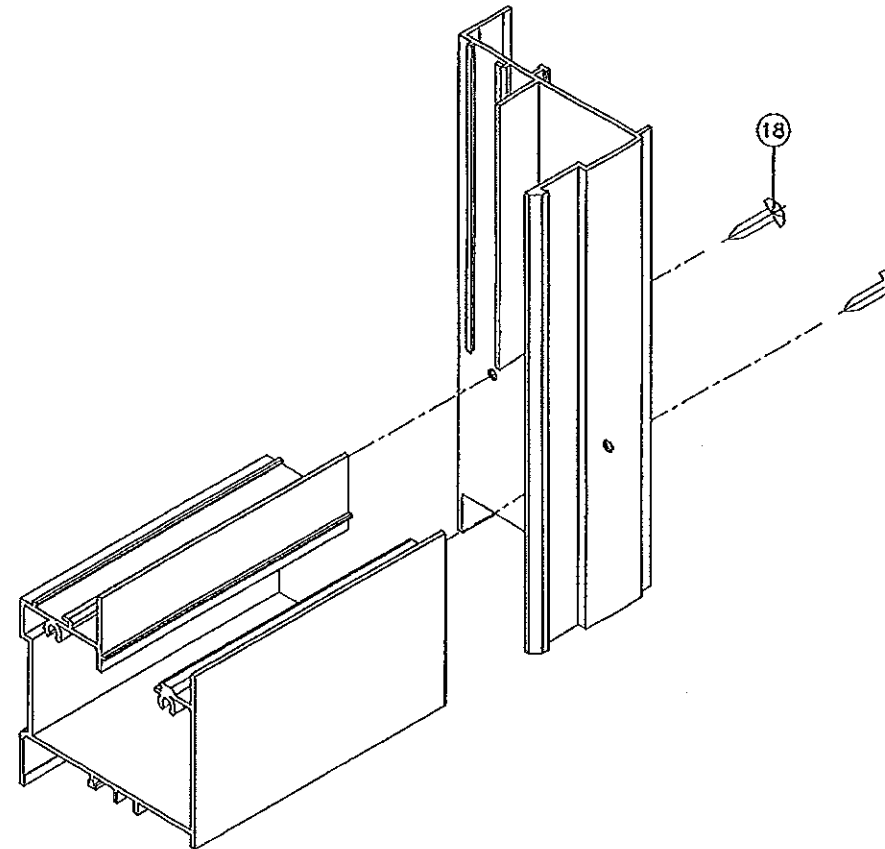
VENT TOP/BOTTOM CORNERS



FRAME TOP CORNER



FIXED MTG. RAIL CORNER



FRAME BOTTOM CORNER

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